



HLA Checkpoint 1.3 Plans

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Purpose and Topics

- **Purpose**
 - **Outline plans for Specification 1.3 checkpoint in February 1998**
 - **Present an updated synchronization plan for specifications, supporting software and compliance testing**

Checkpoint 1.3 Changes

- **IF Spec**
 - Incorporate MOM into specification
 - Revise and update supporting materials to meet IEEE requirements
 - Increased specification based on formal analysis (Wright and Zed)
 - Increased functionality for save and restore to support cold restart
passive subscription for logging and general synchronization capability
(replace, pause and resume)
 - Add FED DIF into specification
 - Format and packaging of specification in IEEE format
- **OMT Specification**
 - Incorporate DDMT
 - Eliminate extensions, incorporate needed functions into base
specification
 - Add OMT DIF into specification
 - Format and packaging in IEEE format
- **Rules**
 - Update nomenclature and clarify rational
 - Format and packaging in IEEE format

Specification 1.3 Milestones

30 Dec	Draft 1 released for comment
8 Jan	Comments due on draft 1
13 Jan	Possible tech review session (TBD by noon, 9 Jan)
21 Jan	Draft 2 released for comment
28 Jan	Comments due on draft 2
5 Feb	Distribute final draft to AMG
11 Feb	AMG-23 final approval
post Feb	Finalize DIFs and APIs in accordance with approved specifications

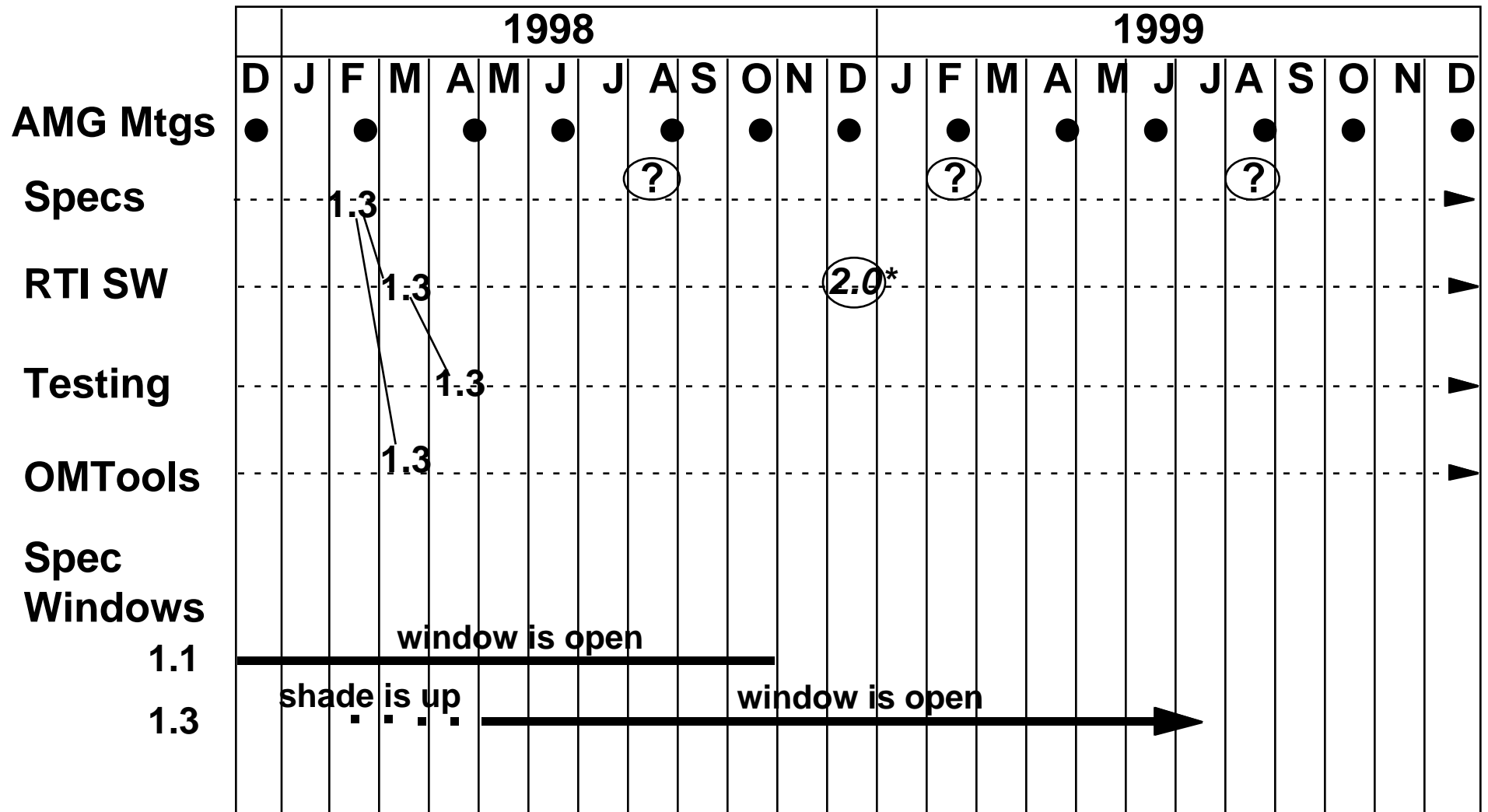
Synchronize HLA Developments

- **Need to synchronize the key aspects of HLA development**
 - Specifications, supporting software, compliance testing
- **Started with plan for continued six month checkpoints through 1.3, then consideration of moving to yearly checkpoints**
- **Process**
 - **AMG 20: tasked to develop synchronization approach**
 - **AMG 21: strawman synchronization provided for discussion**
 - **Brought together key players from the TST in these areas to draft and review strawman**
 - ◆ **Specification POCs, RTI and Tool development POCs**
 - **AMG 22: new version based on AMG-21 discussion and resulting actions**

Spec Window Concept

- **Define ‘Specification version window’ or ‘spec windows’**
 - time period when different specification versions are in effect
- **A ‘Spec Window’**
 - Begins when AMG accepts new version specification
 - Ends when compliance testing to that version of the spec ceases to be supported (DoD software support will cease at this point)
 - Two phases in a ‘Spec window’
 - Phase 1: ‘Shade is up’ (*you can see in...*)
 - begins with AMG acceptance of a specification version
 - Phase 2: ‘Window is open’ (*you can reach in...*)
 - begins when compliance testing capability becomes available
 - closes when this testing capability is no longer supported
- **Spec windows lengths respond to competing objectives**
 - Longer windows to get more ROI on developments; window overlaps minimized due to cost considerations

Strawman HLA Synchronization



* to be renumbered to match spec version (e.g. 1.3c for commercial)